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Rugged Handheld Winmate E430M-BRG

Category:	UMPC - Ruggedized
Manufacturer:	Winmate
Operating System:	Yes - Android 2.3
Display:	4.3" (800x480) LED
Brightness:	270nit
Processor:	ARM 11 650MHz
Memory:	512MB
Hard Drive:	512 MB Flash
Touch screen:	Yes - Touch Capacitive
Durability:	MIL-STD 810F
Drop:	MIL-STD 810F Metod 516.5
Shock:	MIL-STD 810F Metod 516.5
Vibration:	MIL-STD 810F Metod 514.5
Temperature:	Operating temperature: 0°C - 50°C, Storage temperature: -10°C - 60°C
Humidity:	95% non-condensation
1D barcode scanner (reader):	Yes

2D barcode scanner (reader):	Yes
RFID scanner (reader):	No
Other:	Optional warranty up to 3 years, Barcode reader 2D
Battery:	Li-Ion 2400mAh, adapter 5V/1A
Working time on battery:	up to 8h
Fast battery replacement ability:	No
HotSwap battery:	No
LAN:	No
WLAN:	Yes - WiFi b/g/n
Bluetooth:	Yes - (2.1+ EDR)
WAN:	Yes - 3G
GPS:	Yes
Camera:	Yes - 2MPx front and 5Mpix rear
In/Out:	1x micro USB (typ B), 1x audio output
Optional accessories:	Car holder, Car charger, Module 3G
Docking station connector:	No
VESA standard – holders and mounts support:	No
COM port:	No
Magnetic card reader (MSR):	No
Microchip card reader:	No
Contrast:	800:1
Graphics card:	-----
Chipset:	-----
BIOS:	-----
Casing material:	plastic
Flash Card Reader:	Yes - micro SD up to 32GB
CD/DVD:	No
Audio:	1.2W - Mono

Keyboard:	No
Additional Navigation Devices :	No
Color:	black-yellow
Swivel Hinge:	No
VGA out:	No
TV Out:	No
TV Tuner:	No
Security:	Gum case
Waterproof:	IP 54
Sand and dust:	IP 54
Size:	81.82 x 182.52 x 20.90 mm / 233g
Fanless casing:	Yes

Product from the Archive - production finished



Menu

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Resistance standard



Founded in 1996, **Winmate** has achieved a fine reputation as a developer and manufacturer of rugged computers and industry panel LCD. Due to our product positioning in the high-tech and niche market, we have won many honors in computer product evaluation conducted throughout the world.



Winmate PCs are ideal gadget for mobile professionals. They enable you to take notes quickly and work in close spaces. Rugged Tablet PCs provide even more benefits for mobile professionals. **E430** is fully rugged and is certified for both military and industrial ruggedization standards.

Description



(touchscreen and digitizer). In addition, IP54 certified design case, helps to ensure that the **E430** will stand up to the most rigorous environments.



Guarantee

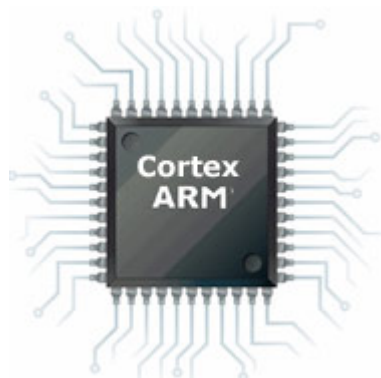
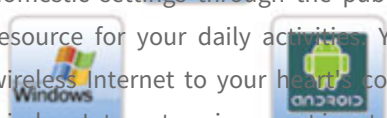
Winmate corporation give 2 years standard guarantee. Optional possibility 1 year or 3 years.



Communications



Winmate supports the state of art wireless network feature. It basically supports the wireless LAN 802.11 b/g/n, Bluetooth has built-in option GPS and optional 3G HSDPA module. The great expansion of WiFi technologies to wireless connect to the Internet both in professional and domestic settings through the public or private hot-spots, make your **E430** an inseparable resource for your daily activities. You can enjoy the use of various wireless networks and wireless Internet to your heart's content with UMPC **E430** at any time and place where the wireless Internet environment is established.



Processor and chipset

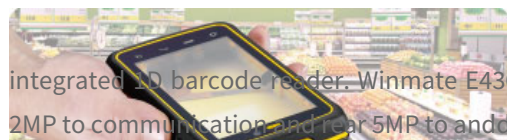
Winmate is supported Arm 11 650MHz processor, thanks to what it is usually energy-saving, keeping near this large efficiency of work.

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Display

E430 ships standard with a transfective sunlight viewable 4.3" LED 800x480 screen, ideal for high ambient light conditions standard 270 **nits** and Contrast 800:1. A built-in touch screen allows finger-touch inputs directly on the screen or the use of stylus pen for data input capability.



Barcode readers for data collection. In optional can be integrated 1D barcode reader. Winmate E430 PDA also received two internal cameras: front 2MP to communication and rear 5MP to and documentation photographic collection.

Functionality





Front View



Back View



Use

The **E430**, industrial rugged PDA is ideal solution for Government; industrial/commercial customers who are interested in the ability to work in rough environments yet maintain productivity without the risk of data or performance losses.

Public Health Services



With Winmate 4.3" Handheld, doctors are able to quickly tracking patients medical records or diagnostic information with barcode reader without going back and forth between offices and wards. The compact size of 4.3" Handheld makes medical workers easier to carrying light-weight computer around and increasing work efficiency.

High Mountain Engineering

For high mount engineering which requires multi-functional devices for all kinds of harsh environments, 4.3" Handheld assists engineers to utilize digital compass to determine direction as well as altimeter to estimate altitude. In addition, the digital camera with auxiliary LED backlight allows them to take photos during night time or dim environments.



Warehousing

In warehousing industry, users are able to obtain product and inventory information by using

4.3" Handheld and transfer data back to the office with built-in 3G and WLAN.

Mining Industry

Miners are frequently requested to work in high-temperature and inconvenient place. 4.3" Handheld optimizes all functions in a wide range of temperature from 0°C to 50°C. Furthermore with digital compass helps miners determine the right direction under ground.





Public Safety And Security

In public safety industry, workers perform their works efficiently with the design of MIL-STD-810F and IP54 of 4.3" Handheld under harsh environments. Through 3G communication, workers can constantly report working status to office. Ensuring service level of public institution.

Resistance standard



a top-level introduction to US Military standard **MIL-STD-810**, used to define the testing methodology for, and results required for acceptance of, rugged equipment.

MIL-STD-810 is a series of performance and manufacturing guidelines set by the US Department of Defense for military and commercial equipment and applications. These guidelines specify allowable parts and environmental condition ranges in which a device must be able to operate to meet compliance.

MIL-STD-810 is a generally accepted standard of ruggedisation testing and compliance for mobile computers and equipment.

The MIL-STD-810 test method is used to generate confidence in the environmental worthiness and overall durability of 'material system' design. The testing process follows guidelines, which include program documentation, program roles, test standards, and laboratory test method guidelines for all categories.

The laboratory test methods are broken down into 24 categories and thereafter procedures (specific tests or levels) appropriate to the environment in which the equipment is expected to be used. The compliance test categories are shown overleaf.

WINMATE

Rugged PDA 430



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